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Ping Tak Peter Tang
Appl. No. 10/058,187

Remarks

Reconsideration of the Restriction Requirement as applied to this Application is respectfully requested. Based on the remarks set forth below, it is respectfully requested that the Examiner reconsider and withdraw the Restriction Requirement.

Restriction Requirement and Election

The Examiner states, on page 2 of the Restriction Requirement, that the claims are directed to two patentably distinct species, namely:

Group I: A circuit/method for correlating ... having analog sampling circuit as recited in claims 1-17 and 20.

Group II: A circuit for correlating ... having comparator as recited in claims 18-19.

In response to the restriction requirement, Applicant hereby states that the claims in Appl. No. 10/058,187 are not directed to "[a] circuit/method for correlating ... having analog sampling circuit" or "[a] circuit for correlating ... having comparator." Instead, the claims of Appl. No. 10/058,187 are directed to:

1. "A method for creating a table of approximate quotients to exactly represent a value to a specified precision" as recited in claims 1-8;
2. "An apparatus to create a lookup table" as recited in claims 9-17; and
3. "In a computer system, a method of efficiently generating a set of function values" as recited in claims 18-20.

Thus, Applicant respectfully submits that an error has been made in applying a restriction requirement to Appl. No. 10,058,187. Therefore, Applicant is unable to make an election

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since the claims in the Restriction Requirement do not coincide with the claims in Appl. No. 10/058,187.

Applicant would like to thank the Examiner for the courteous telephone conversation between the Applicant's representative and the Examiner to discuss the Restriction Requirement on November 10, 2004. During the telephone conversation, Examiner Mai indicated that a mistake was made by the U.S. Patent and Trademark Office, and that the wrong patent application identification information was placed on this restriction requirement. Examiner Mai also indicated that a restriction requirement has not been made against the present application, namely Appl. No. 10/058,187.

Applicant therefore respectfully submits that this restriction requirement is improper since it is being applied to the wrong patent application. Applicant respectfully requests that the restriction requirement for Appl. No. 10/058,187 be reconsidered and withdrawn.

Respectfully submitted,

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CERTIFICATE OF TRANSMISSION	
I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.	
BY: <i>[Signature]</i> Serial 8000	Date: Nov. 10, 2004